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# UTILITY PATENT TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 01478-P0006B  
First Inventor James R. Richard  
Title Tonque Cleaning Device  
Express Mail Label No. EL550089137US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 16]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims(s)
  - Abstract of the Disclosure
4. ☒ Drawings(s) (35 USC 113) [Total Sheets 2]
5. ☒ Oath or Declaration [Total Pages 2]
  - a. ☒ New executed (original or copy)
  - b. ☐ Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 16 completed)
  1. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 of its equivalent.
17. ☐ Other.....

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part of prior application No.

Prior application information: Examiner Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

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Name (Print/Type) Todd M. Oberdick Registration No. (Attorney/Agent) 44,268  
Signature [Signature] Date 5/10/01

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$355.00)

| Complete if Known      |                     |
|------------------------|---------------------|
| Application No.        | Not Yet Assigned    |
| Filing Date            | May 10, 2001        |
| First Named Inventor   | James R. Richard    |
| Examiner Name          | Not Yet Assigned    |
| Group Art Unit         | Not Yet Assigned    |
| Attorney Docket Number | 01478-P006B GSW/TMO |

| METHOD OF PAYMENT (check one)   |                 | FEE CALCULATION (continued)  |                 |   |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
|---|-----------------|--|-----------------|---|-----------------|-----------------|-----------------|-----------------|----------|-----|-----|--------------------|----------|-------------------------------------|-----|-----|-----|-------------------|----|--|-----|-----|-----|------------------|-----|---------------------------|-----|-----|-------|--------------------|-------|---|-----|-----|------|------------------------|------|---|--|-----|--------|-----|----------|--|-----------------|----------------|-----------------|-----------------|----------|--|----|-----|-----|------------------------|-----|---|----|-----|-----|-----------------------------------|-----|--|-----|-----|-------|--|-----|---|----|-----|-------|--|-----|--|----|-----|-----|--|-----|------------------|--|-----|-----|-----|--------|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|-------------------------------------|--|-----|-----|-----|-----|---|--|-----|----|-----|----|---|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|---------------------------|--|--|--|--|--|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:</p> <p>Deposit Account Number: 19-4516</p> <p>Deposit Account Name: St. Onge Steward Johnston &amp; Reens LLC</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required (Under CFR 1.16 and 1.17)<br/> <input type="checkbox"/> Applicant claims small entity status (See 37 CFR 1.27)</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:<br/> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money <input type="checkbox"/> Other</p>  |                 | <p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing for or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840</td> <td>Requesting publication of SIIR after Examiner Action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Informational Disclosure Stmt</td> <td></td> </tr> <tr> <td>561</td> <td>40</td> <td>561</td> <td>40</td> <td>Recording each patent assignment per Procray (times number of procrays)</td> <td></td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> </tbody> </table> |                 | Large Fee Code  | Entity Fee (\$) | Small Fee Code  | Entity Fee (\$) | Fee Description | Fee Paid | 105 | 130 | 205                | 65       | Surcharge - late filing for or oath |     | 127 | 50  | 227               | 25 | Surcharge - late provisional filing or cover sheet |     | 139 | 130 | 139              | 130 | Non-English specification |     | 147 | 2,520 | 147                | 2,520 | For filing a request for ex parte reexamination |     | 112 | 920* | 112                    | 920* | Requesting publication of SIIR prior to Examiner action |  | 113 | 1,840* | 113 | 1,840    | Requesting publication of SIIR after Examiner Action |                 | 115            | 110             | 215             | 55       | Extension for reply within first month |    | 116 | 390 | 216                    | 195 | Extension for reply within second month |    | 117 | 890 | 217                               | 445 | Extension for reply within third month |     | 118 | 1,390 | 218                                    | 695 | Extension for reply within fourth month |    | 128 | 1,890 | 228  | 945 | Extension for reply within fifth month |    | 119 | 310 | 219  | 155 | Notice of Appeal |  | 120 | 310 | 220 | 155    | Filing a brief in support of an appeal                               |  | 121 | 270 | 221 | 135 | Request for oral hearing |  | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 | Petition to revive - unavoidable |  | 141 | 1,240 | 241 | 620 | Petition to revive - unintentional |  | 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) |  | 143 | 440 | 243 | 220 | Design issue fee |  | 144 | 600 | 244 | 300 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) |  | 126 | 240 | 126 | 240 | Submission of Informational Disclosure Stmt |  | 561 | 40 | 561 | 40 | Recording each patent assignment per Procray (times number of procrays) |  | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) |  | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) |  | 169 | 900 | 169 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |  |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$) | Fee Description   | Fee Paid        |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 105   | 130             | 205  | 65              | Surcharge - late filing for or oath                                     |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 127   | 50              | 227  | 25              | Surcharge - late provisional filing or cover sheet                      |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 139   | 130             | 139  | 130             | Non-English specification   |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 147   | 2,520           | 147  | 2,520           | For filing a request for ex parte reexamination                         |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 112   | 920*            | 112  | 920*            | Requesting publication of SIIR prior to Examiner action                 |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 113   | 1,840*          | 113  | 1,840           | Requesting publication of SIIR after Examiner Action                    |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 115   | 110             | 215  | 55              | Extension for reply within first month                                  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 116   | 390             | 216  | 195             | Extension for reply within second month                                 |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 117   | 890             | 217  | 445             | Extension for reply within third month                                  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 118   | 1,390           | 218  | 695             | Extension for reply within fourth month                                 |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 128   | 1,890           | 228  | 945             | Extension for reply within fifth month                                  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 119   | 310             | 219  | 155             | Notice of Appeal  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 120   | 310             | 220  | 155             | Filing a brief in support of an appeal                                  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 121   | 270             | 221  | 135             | Request for oral hearing  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 138   | 1,510           | 138  | 1,510           | Petition to institute a public use proceeding                           |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 140   | 110             | 240  | 55              | Petition to revive - unavoidable  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 141   | 1,240           | 241  | 620             | Petition to revive - unintentional                                      |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 142   | 1,240           | 242  | 620             | Utility issue fee (or reissue)  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 143   | 440             | 243  | 220             | Design issue fee  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 144   | 600             | 244  | 300             | Plant issue fee   |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 122   | 130             | 122  | 130             | Petitions to the Commissioner   |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 123   | 50              | 123  | 50              | Processing fee under 37 CFR 1.17(q)                                     |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 126   | 240             | 126  | 240             | Submission of Informational Disclosure Stmt                             |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 561   | 40              | 561  | 40              | Recording each patent assignment per Procray (times number of procrays) |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 146   | 710             | 246  | 355             | Filing a submission after final rejection (37 CFR § 1.129(a))           |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 149   | 710             | 249  | 355             | For each additional invention to be examined (37 CFR 1.129(b))          |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 179   | 710             | 279  | 355             | Request for Continued Examination (RCE)                                 |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 169   | 900             | 169  | 900             | Request for expedited examination of a design application               |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| Other fee (specify) _____   |                 |  |                 |   |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| <p>1. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>710</td> <td>201</td> <td>355</td> <td>Utility filing fee</td> <td>\$355.00</td> </tr> <tr> <td>106</td> <td>320</td> <td>206</td> <td>160</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>490</td> <td>207</td> <td>245</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>710</td> <td>208</td> <td>355</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (1)</td> <td>\$355.00</td> </tr> </tbody> </table> <p>2. EXTRA CLAIMS FEES</p> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>80</td> <td>202</td> <td>40</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td>Multiple dependent claims, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>80</td> <td>209</td> <td>40</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (2)</td> <td>\$0.00</td> </tr> </tbody> </table> |                 | Large Fee Code   | Entity Fee (\$) | Small Fee Code  | Entity Fee (\$) | Fee Description | Fee Paid        | 101             | 710      | 201 | 355 | Utility filing fee | \$355.00 | 106                                 | 320 | 206 | 160 | Design filing fee |    | 107  | 490 | 207 | 245 | Plant filing fee |     | 108                       | 710 | 208 | 355   | Reissue filing fee |       | 114   | 150 | 214 | 75   | Provisional filing fee |      | SUBTOTAL (1)  |  |     |        |     | \$355.00 | Large Fee Code                                       | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid | 103                                    | 18 | 203 | 9   | Claims in excess of 20 |     | 102                                     | 80 | 202 | 40  | Independent claims in excess of 3 |     | 104                                    | 270 | 204 | 135   | Multiple dependent claims, if not paid |     | 109                                     | 80 | 209 | 40    | ** Reissue independent claims over original patent |     | 110                                    | 18 | 210 | 9   | ** Reissue claims in excess of 20 and over original patent |     | SUBTOTAL (2)     |  |     |     |     | \$0.00 | <p>* Reduced by Basic Filing Fee paid</p> <p>SUBTOTAL (3) \$0.00</p> |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$) | Fee Description   | Fee Paid        |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 101   | 710             | 201  | 355             | Utility filing fee  | \$355.00        |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 106   | 320             | 206  | 160             | Design filing fee   |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 107   | 490             | 207  | 245             | Plant filing fee  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 108   | 710             | 208  | 355             | Reissue filing fee  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 114   | 150             | 214  | 75              | Provisional filing fee  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| SUBTOTAL (1)  |                 |  |                 |   | \$355.00        |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$) | Fee Description   | Fee Paid        |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 103   | 18              | 203  | 9               | Claims in excess of 20  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 102   | 80              | 202  | 40              | Independent claims in excess of 3                                       |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 104   | 270             | 204  | 135             | Multiple dependent claims, if not paid                                  |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 109   | 80              | 209  | 40              | ** Reissue independent claims over original patent                      |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| 110   | 18              | 210  | 9               | ** Reissue claims in excess of 20 and over original patent              |                 |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |
| SUBTOTAL (2)  |                 |  |                 |   | \$0.00          |                 |                 |                 |          |     |     |                    |          |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |   |  |     |        |     |          |  |                 |                |                 |                 |          |  |    |     |     |                        |     |   |    |     |     |                                   |     |  |     |     |       |  |     |   |    |     |       |  |     |  |    |     |     |  |     |                  |  |     |     |     |        |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |   |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |

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